ABSTRACT

Methods and systems are provided for determining inter-region and intra-region traffic in one or more networks. To determine the network traffic flowing between a first region and a second region, one or more routers in the first and second regions are

5   identified along with their respective links connecting the routers in the first region to those in second region. A processor located remotely from the routers in the first and second regions then determines discrete used bandwidth samples of the identified links over a period of time. Based on the used bandwidth samples, the processor determines the network traffic flowing between the first and second regions. To determine the network

10   traffic within a region, a sample of hosts each including one or more web servers in the region are selected. The processor identifies the last pairs of identifiable routers on respective routes from the processor to the sample hosts and the respective links connecting the identified last pairs of routers. The processor then determines discrete used bandwidth samples of the identified respective links. Based on the used bandwidth

15   samples, the processor determines the network traffic within the region.